PANASONIC TOUGHPAD 4K TABLET

Panasonic recommends Windows 8.

intel inside™ CORE™ i5 vPro™

Expand Your Resolution and Your Business Potential

Introducing the Panasonic Toughpad™ 4K tablet, the highest* resolution display ever sold commercially with nearly 10 million pixels—all in a portable, lightweight 20" tablet. The Toughpad 4K tablet is a business-rugged tablet that breaks new ground in digital viewing with better than ultra HD resolution. With an Intel® Core™ i5 or i7 vPro™ processor, NVIDIA® discrete graphics, Windows® 8.1 Pro and a 256GB SSD, the Toughpad 4K tablet provides performance, security, expandability and flexibility. And for collaborative working, experience 10-point multi touch, an optional optical pen and 176° viewing angles with its sharp IPS alpha display. The Toughpad 4K tablet has a magnesium alloy frame and glass fiber reinforced case and can handle up to a 30" drop[1]. With this kind of power and visual clarity, it's a whole new way to do business.

- The world's first 4K tablet
- An amazing 230ppi resolution (3840 x 2560)
- Accurate and lifelike with 16.8 million colors
- A 20" tablet that weighs as little as 5.3 lbs. and is 0.5" thin
- Intel® Core™ i5 or i7 vPro™ and dedicated NVIDIA® graphics
- Optional optical pen for easy drawing and markup with high precision

*As of press time.

TOUGHPAD

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DURABILITY
- 2.5' drop rating (back side when operating)[1]
- 1' drop rating (26 angles when not operating)[1]
- Magnesium alloy frame
- Glass fiber reinforced rear case

SOFTWARE
- Windows® 8.1 Pro 64-bit (Standard model)
- Windows® 8.1 Pro 64-bit or Windows® 7 Professional (Performance model)

CPU
- Intel® Core™ i5-3437U vPro™ Processor (Standard model)
  - 1.9GHz with Turbo Boost up to 2.9GHz
  - Intel Smart Cache 3MB
- Intel® Core™ i7-3687U vPro™ Processor (Performance model)
  - 2.1GHz with Turbo Boost up to 3.3GHz
  - Intel Smart Cache 4MB

STORAGE & MEMORY
- 8GB SDRAM (DDR3 1333MHz)[2,3] (Standard model)
- 16GB SDRAM (DDR3 1333MHz)[2,3] (Performance model)
- 256GB solid state drive[2,3]

DISPLAY
- 20" 4K+ LCD 3840 x 2560 with LED backlighting
  - 10-point capacitive multi touch
  - IPS alpha display
  - Ambient light, magnetic, gyro and acceleration sensors
  - Automatic screen rotation
  - Optional optical touch pen
  - 15:10 aspect ratio
- NVIDIA® GeForce® GT 745M GPU (Standard model)
- NVIDIA® Quadro K1000M GPU (Performance model)
- 2GB dedicated video RAM
- Internal LCD
  - 16,777,216 colors (3840 x 2560 dots)
- External display (mini display port) (Performance model)
  - 16,777,216 colors (3840 x 2160 dots max.)
- External display (optional cradle)
  - 16,777,216 colors (1920 x 1200 dots max.)

AUDIO
- Integrated microphone
- Intel® high-definition audio compliant
- Integrated stereo speakers
- On-screen and button volume controls

KEYBOARD & INPUT
- 10-point multi touch screen
  - Supports bare hand touch and gestures and optional optical touch pen
- 1 Windows® button
- On-screen QWERTY keyboard
- Display rotation lock and volume buttons

CAMERAS
- HD 720p front camera with microphone
- 5MP rear camera (Performance model)

EXPANSION
- SD card slot (SDXC)

INTERFACE

Docking connector	24-pin
Mini display port (Performance model)	mDP
USB 3.0	4-pin
10/100/1000 Ethernet (Performance model)	RJ-45
Headphones/speaker	Mini-jack stereo
HDMI out	with optional cradle
LAN (10/100)	with optional cradle
USB 3.0 (x 3)	with optional cradle

WIRELESS
- Intel® Centrino® Advanced-N 6235 Wi-Fi 802.11a/b/g/n
- Bluetooth® v4.0 (class 1)

POWER SUPPLY
- Li-Ion battery (11.1V, typical 3180mAh (Standard model); typical 4770mAh (Performance model))
- Battery operation: 2 hours (Standard model), 2.5 hours (Performance model)[4]
- Battery charging time: 2 hours (Standard model); 2.5 hours off, 4 hours on (Performance model)[4]
- AC Adapter: AC 100V-240V 50/60Hz, auto sensing/switching worldwide power supply
- Battery status LED indicator

POWER MANAGEMENT
- Suspend/Resume Function, Hibernation, Standby

SECURITY FEATURES
- Password Security: Supervisor, User
- Pop-out lock loop
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS[5]
- Intel® Anti-Theft Technology
- Integrated SmartCard reader

WARRANTY
- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT
- 18.7" (L) x 13.1" (W) x 0.49" (D)
- 5.27 lbs. (Standard model)
- 5.60 lbs. (Performance model)

ACCESSORIES[6]

AC Adapter (3-prong)	CF-AA5713AM
Carrying Case	TBC4K-P
Desktop Two Position Cradle	UT-VEB5000WU
Mounting Adapter Plate (VESA)	UT-VE5005WU
Optical Electronic Touch Pen	UT-VNP5000WU
LIND Car Charger	CF-LNDDC120
LIND Max Power 60 External Battery Pack	MP60-1

Please consult your reseller or Panasonic representative before purchasing.

Caution: Do not expose bare skin to this product when handling this unit in extreme hot or cold environments.

[1]Drop rating will vary and is not guaranteed.

[2]1GB = 1,000,000,000 bytes.

[3]Total usable memory will be less depending upon actual system configuration.

[4]Approximate time. Battery performance features such as charge time and life span can vary according to the conditions under which the computer and battery are used. Battery operation and recharge times will vary based on many factors, including screen brightness, applications, features, power management, battery conditioning and other customer preferences. Battery testing results from MobileMark 2007.

[5]Requires software and activation to enable theft protection.

[6]Accessories may vary depending on your configuration. Visit Panasonic website for more accessories and details.

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